

In the claims:

1. (Currently amended) A centrifuge comprising a base having feet for engaging a horizontal support surface, an enclosure mounting a motor, a rotor rotatably mounted on said motor, ~~and an isolator support secured to said base and extending between said base and said enclosure~~, a vibration isolator mounted to said isolator support and to said enclosure, wherein said ~~support-vibration isolator~~ engages said enclosure at a location that is substantially aligned with the force applied by said rotor resulting from imbalance of said rotor.
2. (Currently amended) A centrifuge according to claim 1 wherein said ~~support-vibration isolator~~ comprises a resilient element that engages said enclosure.
3. (Cancelled) A centrifuge comprising a rotor, a frame pivotally attached to said rotor and adapted to receive a processing unit, a decant ring movable with respect to said rotor to retain said frame and processing unit in a desired orientation, wherein said ring engages a portion of said processing unit to hold said processing unit in said desired orientation.
4. (Cancelled)
5. (New) A centrifuge comprising a base configured to be supported on a stationary surface, an enclosure configured to support a centrifugal rotor and a drive mechanism that drives said centrifugal rotor in rotation, a support mounted to said base and extending away from said base to a location adjacent said rotor, and a vibration isolator mounted to said support at said location and to said enclosure.